

CURRICULUM VITAE

Name: Torsten Brian Neilands

Position: Associate Adjunct Professor, Step 1
Department of Medicine
School of Medicine

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EDUCATION:

1984-1988	University of California, Santa Cruz	B.A.	English Literature
1984-1988	University of California, Santa Cruz	B.A.	With Honors, Psychology
1988-1990	University of Texas at Austin	M.A.	Quantitative Methods
1988-1993	University of Texas at Austin	Ph.D.	Psychology

PRINCIPAL POSITIONS HELD:

1988-1992	University of Texas at Austin	Teaching/Research Assistant	Psychology
1992	University of Texas at Austin	Assistant Instructor	Psychology
1992-1994	University of Texas at Austin	Statistical Consultant	Computer Center
1994-2000	University of Texas at Austin	Senior Statistical Consultant	Computer Center
2000-2003	Univ. of California, San Francisco	Specialist: Statistician	Medicine
2003-2008	Univ. of California, San Francisco	Assistant Adjunct Professor	Medicine
2008-now	Univ. of California, San Francisco	Associate Adjunct Professor	Medicine

OTHER POSITIONS HELD CONCURRENTLY:

2003-now	Univ. of California, San Francisco	Director, CAPS Methods Core	Medicine
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HONORS AND AWARDS:

1988 Elected Phi Beta Kappa
1988 Honors in the Psychology Major, University of California, Santa Cruz
1989 Elected Phi Kappa Phi
1990 Honorable Mention, National Science Foundation Fellowship Competition
1998 Academic Computing Employee of the Month
2007 SAS User Feedback Award

KEYWORDS/AREAS OF INTEREST:

Scale development, scale reliability, longitudinal data analysis, structural equation modeling, multivariate statistics, factor analysis, dyadic data analysis, influential case diagnosis, behavioral statistics, behavioral HIV/AIDS research, HIV/AIDS-prevention research in minority communities.

PROFESSIONAL ACTIVITIES

PROFESSIONAL ORGANIZATIONS

Memberships

2005-now, American Statistical Association

2006-now, American Educational Research Association

2006-now, AMOS Structural Equation Modeling Software Development Community Advisory Board

2007-now, UCSF Center for AIDS Research

SERVICE TO PROFESSIONAL PUBLICATIONS:

2002-now Ad hoc referee for AIDS Care; Behavior Research, Instruments, and Computers; AIDS Education and Prevention; Annals of Behavioral Medicine; Journal of AIDS; Journal of Immigrant and Minority Health; Journal of Sex Research; International Journal for Equity in Health; AIDS and Behavior; The Journal of Pediatrics (1 time for each journal)

2007-now Referee for Structural Equation Modeling Journal (Teacher's Corner section)

INVITED PRESENTATIONS:

2005 Guest Lecturer: UC Berkeley Longitudinal Analysis Course (Topic: Influence diagnostics)

2006 UCSF Centers for AIDS Research Symposium (Topic: Influential case detection in HIV research)

GOVERNMENT and OTHER PROFESSIONAL SERVICE:

2003 NIH/NIAID Special Emphasis Panel

Centers for AIDS Research Grant Proposal Reviewer

2004 NIH/NHGRI Institutional Review Board

Scientific Reviewer of Clinical Research Protocols

UNIVERSITY and PUBLIC SERVICE

UNIVERSITY SERVICE:

UCSF CAMPUS-WIDE:

2005 Reviewer: UCSF AIDS Research Institute Pilot Grant Awards 20 hours

2005 Statistical Consultation and Analysis: California Asthma Initiative 25 hours

2006 Reviewer: UCSF AIDS Research Institute Pilot Grant Awards 20 hours

DEPARTMENTAL SERVICE:

2001-05 Prevention Sciences Group Computer User's Steering Committee

2001-now Peer Review of 162 UCSF manuscripts and grant proposals

2002-05	Prevention Sciences Group Emergency Response Committee
2003-now	Director, Methods Core, Center for AIDS Prevention Studies
2003-now	Center for AIDS Prevention Studies Executive Committee
2005-now	Center for AIDS Prevention Studies Emergency Response Committee
2005-now	Center for AIDS Prevention Studies Computer User's Steering Committee
2006	Center for AIDS Prevention Studies Quality of Work Life Ad Hoc Committee
2007-now	Trainees in AIDS Prevention Studies Advisory Committee Member
2008-now	Center for AIDS Prevention Studies Innovative Grants Review
2009-now	Center for AIDS Prevention Studies Annual Conference Planning Committee

PUBLIC SERVICE:

1993	Bikes Not Bombs	Bicycle Repair Services
1994	City of Austin	Greenbelt Trail Litter Abatement
2000-01	University of Texas at Austin	Doctoral Committee Member
2002	City of Berkeley	Waterfront Commissioner
2003	Peralta College, Alameda	Psychology Club Invited Speaker
2004-05	San Francisco Vegetarian Society	Tabling Volunteer
2005-06	Texas A&M University	Doctoral Committee Member
2005-now	Emerging Scholars Interest Network	Pro Bono Statistical Consultation
2008-2009	California Family Health Council	Pro Bono Statistical Consultation

SUMMARY OF SERVICE ACTIVITIES

Within UCSF I have served on several mission-critical committees, including the Center for AIDS Prevention Studies (CAPS) division's computer steering committee and post-doctoral fellow program's applicant selection committee. I provide regular methodological peer reviewing services to my colleagues within CAPS, the AIDS Research Institute, and several other divisions in the Department of Medicine (e.g., the Positive Health Program). Outside of UCSF I have served as an ad hoc reviewer of scientific proposals and manuscripts on a regular basis as well as donated time to Emerging Scholars Interest Network, a consortium of junior scholars of color. I have also been invited to deliver methodological and substantive presentations to students at local higher education institutions (e.g., UC Berkeley).

TEACHING and MENTORING

POSTGRADUATE AND OTHER COURSES

<i>Year</i>	<i>Project and Topic</i>	<i>Attendees</i>	<i>Hours</i>
2005-2006	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2006-2007	N289B Advanced Quantitative Research Methods (Guest Lecturer)	30	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2007-2008	N289B Advanced Quantitative Research Methods (Guest Lecturer)	14	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180

2008-2009	N289B Advanced Quantitative Research Methods (Guest Lecturer)	16	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	12	180
2009-2010	N289B Advanced Quantitative Research Methods (Guest Lecturer)	12	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	5	180
2010-2011 (anticipated)	N289B Advanced Quantitative Research Methods (Guest Lecturer)	15	30
	Center for AIDS Prevention Studies: Statistical Seminars	20	30
	HIV Prevention in Minority Communities: Statistical Seminars	8	180

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED

Dates	Name	Program or School	Role	Current Position
1996-now	Elizabeth D'Amico	Univ. of Texas, grad student	Statistical Mentor	Scientist, RAND Corp.
1997-2005	Shanna E. Smith	Univ. of Texas, grad student	Statistical Mentor	Scientist, Columbia U.
1998-2000	Catherine Truxillo	Univ. of Texas, grad student	Statistical Mentor	Trainer, SAS Institute
2000-2001	J. Bryan Sexton	Univ. of Texas, grad student	Statistical Mentor	Asst. Prof, J. Hopkins
2002-now	DorAnne Cuenco	UCSF Nursing, grad student	Statistical Consultant	Asst. Prof, UCSF
2003-now	Eiko Sugano	Univ. of CA	Statistical Consultant	Research Assoc, UCSF
2004-2006	Sonja Mackenzie	Public Health, UC Berkeley	Statistical Consultant	Research Asst., CAPS
2005-now	Starley Shade	Public Health, UC Berkeley	Statistical Consultant	Sr. Statistician, CAPS
2005-now	Eric Buhi	Texas A&M, grad student	Statistical Mentor	Asst. Prof, U. Florida
2006-2007	Kelly Knight	Med. Anthropology, UCSF	Methodological Mentor	PhD Candidate, UCSF

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED

Dates	Name	Fellow	Faculty Role	Current Position
2003-2006	Lisa Butler PhD	TAPS Fellow	Statistical Consultant	Asst Rsch Epidemiologist, UCSF
2003-now	Wayne Steward PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2003-now	Hong-Ha Truong PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2004-2006	Tommy Clark MD	TAPS Fellow	Statistical Consultant	Fellow, Dartmouth University
2004-now	David Huebner PhD	TAPS Fellow	Statistical Consultant	Assoc. Prof., University of Utah
2004-2009	Tri Do MD	TAPS Fellow	Statistical Consultant	Scientist, Roche Pharmaceuticals
2005-now	Sheri Weiser MD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2005-now	Emily Arnold PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2006-now	Janet Turan PhD	TAPS Fellow	Statistical Consultant	Assistant Professor, UCSF
2008-now	Jae Sevelius PhD	Post-Doc	Statistical Consultant	Assistant Professor, UCSF
2008-now	Parya Saberi PharmD	Post-Doc	Statistical Consultant	Post-Doctoral Fellow, CAPS
2008-now	Elvin Geng MD	Clinical Fellow	Statistical Consultant	Clinical Fellow, UCSF Inf. Diseases
2008-now	Thomas Bohman PhD	Rsch Scientist	Statistical Mentor	Research Scientist, UTexas, Austin
2009-now	Carol Camlin PhD	TAPS Fellow	Statistical Mentor	Post-Doctoral Fellow, CAPS

INFORMAL TEACHING

<i>Year</i>	<i>Project and Topic</i>	<i>Attendees</i>	<i>Hours</i>
2007-2008	HIV Prev. in Minority Communities: Methods Consultations	12	100
	CAPS Methods Core: Post-Award Methods Consultations	128	93
	CAPS Methods Core: Pre-Award Methods Consultations	61	71
	CAPS Methods Core: Peer Reviews	17	39

2008-2009	HIV Prev. in Minority Communities: Methods Consultations	12	100
	CAPS Methods Core: Post-Award Methods Consultations	24	14
	CAPS Methods Core: Pre-Award Methods Consultations	15	29
	CAPS Methods Core: Peer Reviews	5	28
	Statistical Consultation for CTSI BREAD group	1	1
2009-2010	HIV Prev. in Minority Communities: Methods Consultations	10	50
	CAPS Methods Core: Post-Award Methods Consultations	51	37
	CAPS Methods Core: Pre-Award Methods Consultations	27	27
	CAPS Methods Core: Peer Reviews	13	43
	Statistical Consultation for CTSI BREAD group	2	2
2010-2011	HIV Prev. in Minority Communities: Methods Consultations (anticipated)	10	50
	CAPS Methods Core: Post-Award Methods Consultations (anticipated)	51	37
	CAPS Methods Core: Pre-Award Methods Consultations (anticipated)	27	27
	CAPS Methods Core: Peer Reviews (anticipated)	13	43
	Statistical Consultation for CTSI BREAD group (anticipated)	2	2

FACULTY MENTORING

FACULTY MENTORED:

Dates	Name	Position while Mentored	Mentoring Role	Current Position
1997-2005	David Silvera PhD	Assoc. Prof.	Statistical Consultant	Assoc. Prof., Univ. Texas, San Antonio
1998-2003	David Burns MD	Assoc. Prof.	Statistical Consultant	Professor, Stanford Univ.
2001-2006	Cynthia Gomez PhD	Assoc. Prof.	Statistical Consultant	Professor, SF State Univ.
2001-now	Patricia Goodson PhD	Assoc. Prof.	Statistical Consultant	Professor, Texas A&M
2003-2006	David Huebner PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof., University of Utah
2003-now	Lynae Darbes PhD	Asst. Prof.	Statistical Consultant	Asst. Prof., CAPS, UCSF
2003-now	Maria Ekstrand PhD	Asst. Prof.	Statistical Consultant	Asst. Prof., CAPS, UCSF
2003-now	Lisa Bowleg PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof, Drexel Univ.
2004-now	John Chin PhD	RsCh Scientist	Statistical Consultant	Research Scientist, New York Univ.
2005-now	James Arbuckle PhD	Assoc. Prof.	Statistical Author	Temple University
2005-now	Scyatta Wallace, PhD	Asst. Prof.	Statistical Consultant	Asst. Prof., St. John's University
2005-now	Nelson Varas-Diaz, PhD	Asst. Prof.	Statistical Consultant	Asst. Prof., Univ. of Puerto Rico
2006-now	Hortensia Amaro, PhD	Professor	Statistical Consultant	Professor, Northeastern Univ.
2006-now	Megan Comfort, PhD	RsCh Scientist	Statistical Consultant	Asst. Professor, UCSF
2007-now	Fred Ssewamala, PhD	Asst. Prof.	Statistical Consultant	Assoc. Professor, Columbia Univ.
2007-now	Dexter Voisin, PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof., Univ. of Chicago
2008-now	Robert Miller, PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof., SUNY Albany
2008-now	Leo Wilton, PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof., SUNY Binghamton
2008-now	Laura Romo, PhD	Asst. Prof.	Statistical Consultant	Assoc. Prof., UC Santa Barbara
2008-now	Stacey Daughters, PhD	Asst. Prof.	Statistical Consultant	Asst. Prof., University of Maryland

SUMMARY OF TEACHING HOURS:

2008-2009	512 total hours of teaching (includes preparation)
	Formal class or course teaching hours: 30
	Informal teaching hours: 382
	Mentoring hours: 100

2009-2010	400 total hours of teaching (in progress; includes preparation) Formal class or course teaching hours: 30 Informal teaching hours: 369 Mentoring hours: 31
2010-2011	400 total hours of teaching (anticipated; includes preparation) Formal class or course teaching hours: 30 Informal teaching hours: 369 Mentoring hours: 31

TEACHING NARRATIVE

Statistical and methodological consulting, peer reviewing and teaching at the Center for AIDS Prevention Studies at UCSF constitute the majority of my teaching activities. A crucial component of these activities is seminar leadership, peer reviewing and consultations for the CAPS Training Program for HIV-Prevention Research in Minority Communities program (I am PI of two of the three NIH R25 training grants that support this program). I also provide mentorship and consultation on methodological and statistical issues to CAPS post-doctoral fellows and early-career faculty who have NIH K-awards.

RESEARCH AND CREATIVE ACTIVITIES

RESEARCH AWARDS AND GRANTS

CURRENT

1. P30 MH62246 (PI: Stephen Morin, Ph.D.) NIH/NIMH The Center for AIDS Prevention Studies Role: Methods Core Director and Co-Investigator	9/01/06-8/31/11 \$1,684,027 direct/yr 1 \$8,420,135 direct/yrs 1-5
2. R25 HD04510 (PI: Torsten B. Neilands, Ph.D.) NIH/NICHD Minority Communities HIV Prevention Role: Statistical Mentor, Trainer, and Principal Investigator	4/01/09-5/31/14 \$253,931 direct/yr 1 \$1,318,862 direct/yrs 1-5
3. R25 MH067127 (PI: Torsten B. Neilands, Ph.D.) NIH/NIMH Collaborative HIV Prevention in Minority Communities Role: Statistical Mentor, Trainer, and Principal Investigator	9/01/08-8/31/13 \$250,000 direct/yr 1 \$1,250,000 direct/yrs 1-5
4. R25 DA028567 (PI: Marguerita Lightfoot, Ph.D.) NIH/NIDA Minority Community HIV and Substance Use Prevention Research Training Role: Co-Director and Co-Investigator	9/01/09-8/31/14 \$331,067 direct/yr 1 \$1,661,061 direct/yrs 1-5
5. FAMRI Award Continuation (PI: Pamela Ling, MD) Flight Attendants Medical Research Institute Reversing Tobacco Market Research on Young Adults	7/01/09-6/30/14 \$100,000 direct/yr 1 \$500,000 direct/yrs 1-5

Role: Statistical Co-Investigator

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| 6. R01 MH068208 (PI: Mallory Johnson, Ph.D.)
NIH/NIMH
Test of an HIV Treatment Side Effects Intervention
Role: Statistical Co-Investigator | 04/01/04-02/28/10
\$478,848 direct/yr 1
\$2,394,240 direct/yrs 1-5 |
| 7. R01 MH073399 (PI: Mallory Johnson, Ph.D.)
NIH/NIMH
Relationship Factors and HIV Treatment Adherence
Role: Statistical Co-Investigator | 4/01/06-3/31/10
\$396,694 direct/yr 1
\$1,586,776 direct/yrs 1-4 |
| 8. R01 MH079700 (PI: Mallory Johnson, Ph.D.)
NIH/NIMH
Preparing Patients to Start Antiretroviral Therapy: An RCT
Role: Statistical Co-Investigator | 7/1/07-6/30/12
500,000 direct/ yr 1
\$2,300,000 direct/ yrs1-5 |
| 9. P01 HD059454 (PI: Diane Havlir, MD)
NIH/NICHD
Novel Strategies to Prevent Malaria and Improve HIV Outcomes in Africa
Role: Statistical Co-Investigator, Biostatistics Core | 09/15/08-07/31/13
\$1,682.219 direct/yr 1
\$9,351,481 direct/yrs 1-5 |
| 10. U01 AI069918-01 (PIs: Moore/Martin)
North American AIDS Cohort Collaboration on Research and Design
NIH/NIAID
Role: Statistical Co-Investigator | 7/1/06-4/30/11
\$37,501 direct/yr 1
\$187,505 direct/yrs 1-5 |
| 11. R01 MH078743 (PI: Megan Comfort, Ph.D.)
NIH/NIMH
HIV Risk Among Male Parolees and Their Female Partners
Role: Statistical Co-Investigator | 4/1/07-3/31/11
\$355,755 direct/yr 1
\$1,249,371 direct/yrs 1-4 |
| 12. R21 A179439 (PI: Elise Riley, Ph.D.)
NIH/National Institutes of Drug Abuse
HPV Epidemiology and Response to Screening (HEARTS)
Role: Contributing Investigator | 8/11/09-7/31/11
\$150,000 direct/yr 1
\$275,000 direct/yrs 1-2 |
| 13. R01 MH080694 (PI: Nelson Varas-Diaz, Ph.D.)
NIH/NIMH
AIDS Stigma Among Health Professionals in Puerto Rico
Role: Statistical Co-Investigator | 09/01/07-08/31/2011
\$293,734 direct/yr 1
\$2,159,846 direct/yrs 1-5 |
| 14. R01 MH08646 (PI: Lynae Darbes, Ph.D.)
NIH/NIMH
Couples in Context: An RCT of a Couples-based HIV Prevention Intervention
Role: Statistical Co-Investigator | 4/1/10-3/31/15
\$499,918 direct/yr 1
\$2,498,926 direct/yrs 1-5 |

15. R01 HD054303 (PI: John Chin, Ph.D.) 06/01/07-04/30/12
 NIH/NICHD \$366,324 direct/yr 1
 Organizational Change Toward HIV Involvement in \$1,951,142 direct/yrs 1-5
 Immigrant Religious Organizations
 Role: Statistical Consultant

16. R01 MH075598 (PI: Colleen Hoff, Ph.D.) 4/01/06-3/31/10
 NIH/NIMH \$492,595 direct/yr 1
 A Longitudinal Study of Gay Couples \$1,952,317 direct/yrs 1-4
 Role: Statistical Consultant

PENDING

1. R01 MH54907 (PI: David Bangsberg, MD) 4/1/10-3/31/15
 NIH/NIMH \$231,350 direct/yr 1
 Novel Approaches to Monitoring and Utilizing \$1,156,754 direct/yrs 1-5
 Adherence to HIV Therapy in Uganda
 Role: Statistical Co-Investigator

2. R01 MH090899 (PI: Emily Arnold, Ph.D.) 08/01/10-7/31/15
 NIH/NIMH \$499,998 direct/yr 1
 A Randomized Controlled Trial of the Bruthas Project \$3,060,660 direct/yrs 1-5
 Role: Statistical Co-Investigator

3. Univ. of CA Tobacco Related Diseases Research Program (PI: Pamela Ling, MD) 07/01/09-06/30/11
 Bar Interventions to Decrease Young Adult and LGBT Smoking \$125,000 direct/yr 1
 Role: Statistical Co-Investigator \$250,000 direct/yrs 1-2

4. R21 MH090887 (PI: Sheri Lippman, Ph.D.) 04/01/10-03/31/12
 NIH/NIMH \$125,000 direct/yr 1
 Towards Understanding Comm. Mobilization for HIV Prev. in the African Cont. \$250,000 direct/yrs 1-2
 Role: Statistical Co-Investigator

5. R01NR010187 (PI: Mallory Johnson, Ph.D.) 07/01/10-06/30/15
 NIH/NINR \$125,000 direct/yr 1
 Relationship Factors and HIV Treatment Adherence \$2,499,530 direct/yrs 1-5
 Role: Statistical Co-Investigator

6. R01 MH089276 (PI: Colleen Hoff, Ph.D.) 01/01/10-12/31/14
 NIH/NIMH \$338,033 direct/yr 1
 Relationship Power and HIV Risk in Gay Male Couples \$1,885,976 direct/yrs 1-4
 Role: Statistical Co-Investigator

7. R01 MH075598 (PI: Colleen Hoff, Ph.D.) 04/01/10-03/31/15
 NIH/NIMH \$478,271 direct/yr 6
 Continuation of Longitudinal Gay Couples Study \$2,432,998 direct/yrs 6-10
 Role: Statistical Co-Investigator

8. R01 (PI: Mark Padilla, Ph.D.)	07/01/10-06/30/14
NIH/NIDA	\$499,998 direct/yr 1
Migration, Tourism, and the HIV-drug use Syndemic in the Dominican Rep	\$3,060,660 direct/yrs 1-5
Role: Statistical Co-Investigator	

PAST

1. CDC U62/CCU913658 (PI: Kyung-Hee Choi, Ph.D.)	10/01/96-9/29/01
Centers for Disease Control	\$414,322 direct/yr 1
Community Mobilization of Young Asian and Pacific Islander Men	\$2,071,610 direct/yrs 1-5
Role: Senior Statistician	

2. UARP PE00-SF-144 (PI: Olga Grinstead, Ph.D.)	7/01/00-6/30/03
California Universitywide AIDS Research Project	\$272,995 direct/yr 1
Measuring and Understanding HIV Treatment Expectancies	\$818,985 direct/yrs 1-3
Role: Senior Statistician	

3. R01 MH61180-03 (PI: Thomas Coates, Ph.D.)	9/30/00-8/31/04
NIH/NIMH	\$1,053,237/yr 1
Behavioral, Basic, and Clinical Studies of PEP	\$5,266,185/yrs 1-5
Role: Statistical Co-Investigator	

4. R01 MH57233 (PI: Margaret Chesney, Ph.D.)	5/01/96-4/30/03
NIH/NIMH	\$487,508 direct/yr 1
Clinical Trial of Coping Effectiveness Training	\$2,256,796 direct/yrs 1-5
Role: Statistical Co-Investigator	

5. R01 HD41742-01A1 (PI: Cynthia Gomez, Ph.D.)	9/01/02-6/30/07
NIH/NICHD	\$322,561 direct/yr 1
A Gender-Economic Model of HIV Risk in Women	\$1,612,809 direct/yrs 1-5
Role: Contributing Investigator	

6. R01 MH65138 (PI: James Dilley, MD)	2/15/02-1/31/05
NIH/NIMH	\$250,000 direct/yr 1
Changing Sexual Behavior in Gay Male Repeat HIV Testers	\$750,000 direct/yrs 1-3
Role: Statistical Co-Investigator	

7. The Henne Group--letter of agreement (PI: Joseph Catania, Ph.D.)	9/01/04-05/31/06
Developing Psychometrically Validated Scales to	\$49,762 direct/ yr 1
Measure Sexual Functioning in Relationship to Peyronie's Disease	\$90,319 direct/yrs 1-3
Role: Co-Principal Investigator	

8. UARP ID-SF-082 (PI: Mallory Johnson, Ph.D.)	1/1/04-10/31/06
California Universitywide AIDS Research Project	\$100,000 direct/yr 1
Measuring and Understanding HIV Treatment Expectancies	\$250,000 direct/yrs 1-3
Role: Co-Principal Investigator	

9. R21 DA021090 (PI: Grant Colfax, MD) 10/1/06-12/31/06
Public Health Foundation \$28,082 direct/yr 1
Acceptability of Pharmacologic Treatment for Methamphetamine Dependence Among MSM
Role: CAPS Principal Investigator
10. The Henne Group--letter of agreement (PI: Joseph Catania, Ph.D.) 9/1/04-5/31/06
Analysis of National Older Male Sexuality Survey \$32,682 direct/yr 1
Role: Co-Principal Investigator \$98,047 direct/yrs 1-3
11. R01 AI052745 (PI: Steven Deeks, MD) 9/01/02-2/28/07
NIH/NIAID \$304,560 direct/yr 1
Immunologic Control of Drug-Resistant HIV-1 \$1,522,800 direct/yrs 1-5
Role: Senior Statistician
12. R01 DA015605 (PI: Elise Riley, Ph.D.) 07/01/04-06/30/07
NIH/NIDA \$250,000 direct/yr 1
Drug and Health Service Use among the HIV+ Homeless \$750,000 direct/yrs 1-3
Role: Statistical Co-Investigator
13. R03 HD049283 (PI: Dexter Voisin, PhD) 7/01/05-6/30/07
NIH/NICHHD \$50,000 direct/yr 1
Predictors of HIV Risk Among Urban Youth \$100,000 direct/yrs 1-2
Role: Statistical Consultant
14. Lance Armstrong Foundation Award (PI: Stacey Hart, Ph.D.) 09/01/06-8/31/08
Lance Armstrong Foundation \$226,641 direct/yr 1
Colorectal Cancer: Distress, Couple Dynamics, and Psychological Adjustment \$679,923 direct/yrs 1-3
Role: Contributing Investigator
15. R21 AT003102 (PI: Mallory Johnson, Ph.D.) 4/01/06-3/31/10
NIH/NCCAM \$125,000 direct/yr 1
A Mindfulness Approach to HIV Treatment Side Effects \$625,000 direct/yrs 1-5
Role: Statistical Co-Investigator
16. R01 AA015298 (PI: Maria Ekstrand, Ph.D.) 9/01/06-8/31/10
NIH/NIAAA \$352,614 direct/yr 1
Context and Correlates of Health Behaviors in South India \$1,400,000 direct/yrs 1-4
Role: Contributing Statistical Investigator
17. R01 MH0675313 (PI: Maria Ekstrand, Ph.D.) 4/09/03-5/31/11
NIH/NIMH \$335,522 direct/yr 1
Examining ART Adherence Issues in Bangalore, India \$2,549,692 direct/yrs 1-8
Role: Contributing Statistical Investigator
18. R01 MH65138 (PI: Colleen Hoff, Ph.D.) 2/15/02-6/01/08
NIH/NIMH \$250,000 direct/yr 1
Testing of a Model of HIV Risk in Gay Couples \$1,250,000 direct/yrs 1-5
Role: Statistical Co-Investigator

19. R01 NR08324 (PI: Olga Grinstead, Ph.D.) 8/01/02-7/31/09
 NIH/NINR \$412,159 direct/yr 1
 HIV Risk Reduction for Women with Incarcerated Partners \$1,648,636 direct/yrs 1-4
 Role: Statistical Co-Investigator
20. R25 MH067127 (PI: Torsten B. Neilands, Ph.D.) 3/12/03-2/29/09
 NIH/NIMH \$148,912 direct/yr 1
 Collaborative HIV Prevention in Minority Communities \$744,560 direct/yrs 1-5
 Role: Statistical Mentor, Trainer, and Principal Investigator
21. R21AI078774-01A2 (PI: Peter W. Hunt, M.D.) 05/22/09-04/30/10
 NIH/NIAID \$150,889 direct/yr 1
 Innate Immune Response Genetics and T cell Activation in Treated HIV Infection \$276,219 direct/yrs 1-2
 Role: Contributing Statistical Investigator
22. UC TDRP 18XT-0150 (PI: Pamela Ling, M.D.) 07/01/09-06/30/11
 University of California Tobacco Related Disease Research Program \$125,000 direct/yr 1
 Bar Interventions to Decrease Young Adult and LGBT Smoking \$250,000 direct/yrs 1-2
 Role: Contributing Statistical Investigator
23. R25 HD04510 (PI: Torsten B. Neilands, Ph.D.) 8/1/03-3/31/09
 NIH/NICHD \$314,968 direct/yr 1
 Minority Communities HIV Prevention \$1,584,840 direct/yrs 1-5
 Role: Statistical Mentor, Trainer, and Principal Investigator
24. FAMRI Award (PI: Pamela Ling, MD) 9/01/04-6/30/09
 Flight Attendants Medical Research Institute \$100,000 direct/yr 1
 Reversing Tobacco Market Research on Young Adults \$500,000 direct/yrs 1-5
 Role: Statistical Co-Investigator
25. R01 HD054319 (PI: Lisa Bowleg, Ph.D.) 06/01/07-06/30/10
 NIH/NICHD \$380,784 direct/yr 1
 Gender Role Norms, Sexual Scripts, and Black Men's Heterosexual Risk Behaviors \$1,156,114 dir/yrs 1-3
 Role: Statistical Consultant
26. R03 DA023852 (PI: Scyatta Wallace, Ph.D.) 09/10/07-02/28/09
 NIH/NIDA \$50,000 direct/yr 1
 Neighborhood Characteristics, Drug Use, and HIV Risk Among \$100,000 direct/yrs 1-2
 African American Youth
 Role: Statistical Consultant
27. R01 DA015605 (PI: Elise Riley, Ph.D.) 07/01/07-06/30/12
 NIH/NIDA \$438,792 direct/yr 1
 Drug and Health Service Use Among the HIV+ Homeless \$2,178,821 direct/yrs 1-5
 Role: Statistical Co-Investigator

PEER REVIEWED PUBLICATIONS:

1. Rascati KL, Smith MJ, and **Neilands TB**. Dealing with skewed data: An example using asthma-related costs of medicaid clients. *Clinical Therapeutics*, 23: 481-498, 2001. [Not applicable to NIH Public Access Policy]
2. Perry JA, Silvera DH, Rosenvinge J, **Neilands TB**, and Holte A. Seasonal eating patterns in Norway: a non-clinical population study. *Scandinavian Journal of Psychology*, 42: 307-312, 2001. [Not applicable to NIH Public Access Policy]
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6. Johnson MO, Stallworth T, and **Neilands TB**. The drugs or the disease? Causal attributions of symptoms held by HIV-positive adults on HAART. *AIDS and Behavior*, 7(1): 109-117, 2003. [Not applicable to NIH Public Access Policy]
7. Morin SF, Vernon K, Harcourt J, Volk J, Riess TH, **Neilands TB**, McLaughlin M, and Coates TJ. Why HIV infections have increased among men who have sex with men and what to do about it: findings from California focus groups. *AIDS and Behavior*, 7(4): 353-362, 2003. [Not applicable to NIH Public Access Policy]
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11. Martin JN, Roland ME, **Neilands TB**, Krone MR, Bamberger JD, Kohn RP, Chesney MA, Franses K, Kahn JO, Coates TJ, and Katz MH. Use of post-exposure prophylaxis against HIV infection following sexual exposure does not lead to increases in high-risk behavior. *AIDS*, 18: 787-792, 2004. [Not applicable to NIH Public Access Policy]
12. Silvera DH, and **Neilands TB**. Interpreting the uninterpretable: the effect of self-esteem on the interpretation of meaningless feedback. *Scandinavian Journal of Psychology*, 45 (1): 61-66, 2004. [Not applicable to NIH Public Access Policy]
13. Choi KH, McFarland W, **Neilands TB**, Nguyen S, Secura G, Behel S, MacKellar D, and Valleroy L. High level of hepatitis B infection and on-going risk among Asian/Pacific Islander men who have sex with men, San Francisco. *Sexually Transmitted Diseases*, 32(1): 44-48, 2005. [Not applicable to NIH Public Access Policy]
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33. Ling PM, **Neilands TB**, Nguyen T, and Kaplan CP. Psychographic segments based on attitudes about smoking and lifestyle among Vietnamese-American adolescents. *Journal of Adolescent Health*, 41(1), 51-60, 2007. [Not applicable to NIH Public Access Policy]
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73. Geng EH, Glidden DV, Emenyonu N, Musinguzi N, Mwebwesa BB, **Neilands TB**, Muyinkdike W, Yiannoutsos CT, Deeks SG, Bangsberg DR, and Martin JN. Tracking a sample of patients lost to follow-up has a major impact on understanding determinants of survival in HIV-infected patients on antiretroviral therapy in Africa. In press: *Tropical Medicine and International Health*. PMC Journal – In Process.
74. Townsend TG, Thomas AJ, Jackson TR, and **Neilands TB**. From Jezebel to Video Vixen: the impact of stereotypical images on the self perception and sexual attitudes of African-American adolescent girls. Submitted for publication in *Cultural Diversity and Ethnic Minority Psychology*.
75. Choi K, Bowleg L, and **Neilands TB**. Social discrimination and women's HIV risk: the effects of racism, sexism, and financial hardship on U.S. heterosexual women's sexual risk behaviors. Submitted for publication in *American Journal of Public Health*.
76. Buhi E, Goodson P, and **Neilands TB**. Understanding adolescent sexually abstinent behavior and intentions through use of an integrative theoretical framework. Submitted for publication in *Journal of Sex Research*.
77. Butler LM, Were WA, Balindani S, Downing R, **Neilands TB**, Gupta S, Rutherford GW, and Mermin J. Human herpesvirus 8 infection in children and adults in a population-based study in rural Uganda. Submitted to *Journal of Infectious Diseases*.

78. Romo L, Cruz L, and **Neilands TB**. Mother-daughter communication and women's confidence to talk to family members and doctors about HPV and sexual health. Submitted to Perspectives on Sexual and Reproductive Health.

79. Carrico AW, Riley ED, Johnson MO, Charlebois ED, **Neilands TB**, Remien RH, Lightfoot MA, Steward WT, Weinhardt LS, Kelly JA, Rotheram-Borus MJ, Morin SF, and Chesney MA. Psychiatric risk factors for HIV disease progression: the role of inconsistent patterns of anti-retroviral therapy utilization. Submitted to JAIDS.

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Published Chapters and Other Non-Peer Reviewed Creative Activities:

1. Nightingale DJ, and **Neilands TB**. Understanding and practicing critical psychology. In Fox, D. and Prilleltensky, I. (Eds.) Critical Psychology: An Introduction. Newbury Park, CA: Sage Publications, 1997.
2. Catania JA, Osmond D, **Neilands TB**, Canchola J, Gregorich S, and Shiboski S. "Methodological challenges in research on sexual risk behavior": commentary on Schroder et al., (2003a; 2003b). *Annals of Behavioral Medicine*, 29(2): 86-95, 2005.
3. **Neilands TB**, Arbuckle JL, and Schafer JL. AMOS 6 User's Guide. Chicago, IL: SPSS, Inc, 2005.
4. Voisin D and **Neilands TB**. (In press). Academic achievement, peer influences and sexual behaviors among high school African American boys. In W. Johnson (Ed.) *Social Work and Social Welfare Responses to African American males: What we have seen with our own eyes*. London: Oxford University Press.

RESEARCH PRESENTATIONS

1. Malone PS, **Neilands TB**, and Helmreich RL. Conformity behaviors show a curvilinear effect of cognitive load. Paper presented at the annual conference of the American Psychological Society, San Diego, California, June 1992.
2. Smith SE, and **Neilands TB**. Repeated-measures analysis and PROC MIXED. Paper presented as part of a panel discussion on longitudinal data analysis using SAS PROC MIXED at the October 22 – October 24, 2000 Conference of the South Central SAS Users' Group, Austin, TX.
3. Harris KK, Edmundson-Drane E, Evans AE, and **Neilands TB**. Psychosocial and contextual antecedents of pap smear and sexually transmitted disease screening. Presented at the 2001 Society of Behavioral Medicine Annual Meeting, March 21-24, 2001, Seattle, Washington.
4. Sexton JB, Klinect JR, Helmreich RL, Wilhelm JA, and **Neilands TB**. Pilot perceptions of safety: Exploring the attitude-performance linkage. Hot Topic Presentation to the 2001 American Psychological Society, June 15, 2001, Toronto, Canada.
5. Han L, **Neilands TB**, and Dolcini, MM. Factor analysis of categorical data in SAS. Oral presentation to the Ninth Annual Conference of the Western Users of the SAS System, September 6, 2001, San Francisco, California.

6. Choi K-H, Ichikawa S, Onizuka N, and **Neilands TB**. HIV testing and counseling Japanese MSM experiences in the U.S. and Japan. Satellite Symposium on Prevention of HIV/STD among MSM, 15th Japan AIDS Conference, Tokyo, December 1, 2001.
7. Choi K-H, McFarland W, **Neilands TB**, Nguyen S, Secura G, Behel S, and MacKellar D. The potential for HIV transmission across the Pacific Rim: travel and risk behavior among Asian and Pacific Islander men who have sex with men. 6th International Congress on AIDS in Asia and the Pacific, Melbourne, Oct 5-10, 2001.
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9. Hunt PW, Deeks SG, Rodriguez B, Valdez H, Shade SB, Abrams DI, Kitahat, MM, Krone MR, **Neilands TB**, Brand RJ, Lederman MM, and Martin JN. Continued CD4+ T-cell count increases in HIV-infected adults experiencing four years of viral suppression on highly active antiretroviral therapy. 9th Conference on Retroviruses and Opportunistic Infections. Seattle, WA. February 26, 2002.
10. Grinstead O, Binson D, Cezareo M, Downing M, Freedman B, Fung, S, **Neilands TB**, Riess, TH, Vernon K, and Woods WJ. BASES Project (Berkeley, Alameda & Sonoma Evaluation Study). Universitywide AIDS Research Program annual conference, February, 2002.
11. Johnson MO, Folkman S, Stallworth, T, and **Neilands TB**. The drugs or the disease? Causal beliefs of physical problems held by a sample of HIV positive adults on HAART. Society of Behavioral Medicine, Washington, D.C, April 3-6, 2002.
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13. Johnson MO, Folkman S, and **Neilands TB**. Side effect and symptom representation among a sample of HIV+ adults on HAART. International Congress of Behavioral Medicine, Helsinki, August 28-31, 2002.
14. Canchola JA, **Neilands TB**, and Catania JA. Imputation strategies for sexual orientation using SAS PROC MI. Oral presentation to the Tenth Annual Conference of the Western Users of the SAS System, September 4-6, 2002, San Diego, California.
15. Roland ME, Coates TJ, Robillard H, Tapia J, **Neilands TB**, Krone MR, Kahn J, and Martin JN. Demand for a non-occupational post-exposure prophylaxis telephone study referral line exceeds resources. 10th Conference on Retroviruses and Opportunistic Infections. Boston, Massachusetts. February 11, 2003.
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17. Roland ME, Krone MR, **Neilands TB**, Tapia J, Coates TJ, Hecht FR, and Martin JN. HIV seroconversion following non-occupational post-exposure prophylaxis. In Abstracts: 2003 National HIV Prevention Conference, July 27 - 30, Atlanta GA.
18. Riess TH, Binson D, Downing M, Fung S, Grinstead O, Pearson CA, **Neilands TB**, Siedle-Khan B, Vernon K, and Woods WJ. Evaluation of high-risk HIV counseling and testing: comparing outcomes in two populations. American Public Health Association 131st Annual Meeting and Exposition, November 15-19, 2003, San Francisco, CA.
19. Arreola S, **Neilands TB**, and Diaz R. Moderators of the relationship between childhood sexual abuse and adult HIV-risky sexual behaviors among Latino gay men in the United States. Paper presented at the 8th World STI/AIDS Congress, December, 2003 in Punta del Este, Uruguay.
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21. Hunt PW, Martin JN, Sinclair E, Brecht B, Hoh R, Tsao G, **Neilands TB**, Petropoulos C, Grant RM, and Deeks SG. Changes in T-cell activation and CD4 counts during partial treatment interruption of protease inhibitor therapy. 11th Conference on Retroviruses and Opportunistic Infections. San Francisco, California. February 8, 2004.
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23. Catania JA, Paul J, Pollack LM, Canchola JA, Chang YJ, **Neilands TB**, and Osmond D. Mediators of childhood sexual abuse and anal intercourse among men who have sex with men. American Public Health Association 132nd Annual Meeting and Exposition, November 6-10, 2004, Washington, DC.
24. Catania JA, Paul J, Pollack LM, Chang YJ, **Neilands TB**, and Osmond D. Mediators of childhood sexual abuse and anal intercourse for men who have sex with men. Presented at the meeting of the Society of Behavioral Medicine; 2004; Baltimore, MD.
25. Huang W, **Neilands TB**, Whitcomb JM, Wrin T, Toma J, Fransen S, Martin J, Petropoulos CJ and Deeks S. Persistence of archived viruses with a unique tropism in antiretroviral treated individuals with drug-resistant HIV. 12th Conference on Retroviruses and Opportunistic Infections. Boston, MA. February 22-25, 2005.
26. Ling, P, and **Neilands TB**. Involvement with tobacco control and young adult tobacco use. Flight Attendants' Medical Research Institute Third Scientific Symposium, May 12-14, 2005, Miami Beach, Florida.
27. Ling P, **Neilands TB**, and Glantz, SA. Psychographic factors associated with young adult smoking in California. American Public Health Association 133rd Annual Meeting and December 10-14, 2005, Philadelphia, Pennsylvania.

28. Ling P, and **Neilands TB**, and Glantz, SA. Involvement with tobacco control issues and young adult tobacco use. American Public Health Association 133rd Annual Meeting and Exposition, December 10-14, 2005, Philadelphia, Pennsylvania.
29. Riley ED, Weiser SD, Sorensen J, Dilworth SE, Cohen J, and **Neilands TB**. Correlates of homelessness differ by gender among poor and marginally housed individuals. International Urban Health Conference, October 26-28, 2005, Toronto, Ontario.
30. Cohen J, Dilworth SE, Riley ED, **Neilands TB**, and Weiser SD. Safety First?: perceptions of single room occupancy hotels among San Francisco's urban poor. International Urban Health Conference, October 26-28, 2005, Toronto, Ontario.
31. DeRiemer K, **Neilands TB**, Abernethy NF, and Osmond DO. Different phylogenetic lineages Mycobacterium tuberculosis elicit differential host responses among contacts. Determinants of Host Resistance, Susceptibility or Immunopathology to Pathogens: Integrating Knowledge from Experimental Models to Human Disease, January 5-10, 2006, Keystone, Colorado.
32. Roland ME, **Neilands TB**, Krone MR, Franses K, Chesney MA, Kahn JO, Coates TJ, and Martin JN. A randomized trial of standard versus enhanced risk reduction counseling for individuals receiving post-exposure prophylaxis following sexual exposures to HIV. 13th Conference on Retroviruses and Opportunistic Infections, February 5-6, 2006, Denver, Colorado.
33. Binson D, Huebner D, Woods WJ, Dilworth SE, **Neilands TB**, Blea L, and Gristead O. Bathhouse-based voluntary counseling and testing is feasible and shows preliminary evidence of efficacy. Universitywide AIDS Research Program Annual Conference, Sacramento, CA: February 24, 2006.
34. Sugano E, **Neilands TB**, and Auserwald C. A measurement of street beliefs among homeless youth. Pediatric Academic Societies annual meeting, San Francisco, CA: April 29-May 2, 2006.
35. Ling PM, **Neilands TB**, and Kaplan CP. Psychographic segments based on attitudes about secondhand smoke and lifestyle in Vietnamese adolescents. Flight Attendants Research Medical Institute Annual Symposium, Miami Beach, FL: May 10-12, 2006.
36. **Neilands TB**, Darbes LA, Ramos-Soto E, Han L, Huebner DM, and Hoff CC. Preventing new HIV infections through the understanding of sexual agreements: Validation of the Sexual Agreement Quality Scale. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.
37. Darbes LA, Hoff CC, Han L, Ramos-Soto E, Hoff CC, and **Neilands TB**. Implications of ignoring relationship and partner HIV sero-status when examining HIV risk behavior outcomes for men who have sex with men. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.
38. Hoff CC, Darbes LA, Ramos-Soto E, and **Neilands TB**. Using qualitative data to inform scale development: the sexual agreement quality scale. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.
39. Hoff CC, Han L, Ramos-Soto E, **Neilands TB**, and Darbes LA. Prevention for gay couples: sero-status and agreements about non-primary sex partners. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.

40. Huebner DM, Binson D, Woods WJ, Dilworth SE, **Neilands TB**, and Grinstead O. Bathhouse-based voluntary testing and counseling is feasible and shows preliminary evidence of effectiveness. XVI International AIDS Conference: Toronto, Canada: August 13-18, 2006.
41. Canchola JA and **Neilands TB**. Mixed model selection via the information-theoretic approach using SAS. Western Users of the SAS System Annual Conference: September 27-29, 2006, Irvine, California.
42. Goodson P, Dunsmore SC, Rasberry CN, Buhi ER, Pruitt BE, and **Neilands TB**. Ideological fantasies and scientific realities surrounding sexual abstinence behavior and education: what have we learned? Symposium on Society for the Scientific Study of Sexuality Annual Meeting: November 9-12, 2006, Las Vegas, Nevada.
43. Martin JN, **Neilands TB**, Krone MR, Coakley E, Lie Y, Pesano R, Bates M, Weidler J, and Deeks S. Utility of *pol* replication capacity in predicting immunologic course among HIV-infected patients with drug-resistant viremia. 14th Conference on Retroviruses and Opportunistic Infections. February 25-28, 2007, Los Angeles, California.
44. Roland M, Krone MR, **Neilands TB**, Coates TJ, Chesney M, and Martin JN. Adherence to post-exposure prophylaxis: a randomized comparison of two counseling strategies. 2nd International Conference on HIV Treatment Adherence. March 28-30, 2007, Jersey City, New Jersey.
45. Carrico AW, Johnson MO, Moskowitz JT, **Neilands TB**, Morin SF, Charlebois ED, Steward WT, Remien RH, Wong LF, Rotheram-Borus MJ, Lightfoot MA, Chesney MA, and the NIMH Healthy Living Project Team. Affective regulation, stimulant use, and viral load among HIV-positive persons on antiretroviral therapy. 14th annual meeting of the Psychoneuroimmunology Research Society. May 30-June 2, 2007, Arcachon, France.
46. Ling PM, **Neilands TB**, and Glantz S. Using tobacco market research strategies to describe young adult smokers. 2007 National Conference on Tobacco or Health. October 24-26, 2007, Minneapolis, MN.
47. Hoff CC, Chakravarty D, Darbes L, and **Neilands TB**. Relationship dynamics associated with sexual risk for HIV among gay male couples. Presented at the CDC 2007 National HIV Prevention Conference. December 2-7, 2007, Atlanta, GA.
48. Darbes L, Chakravarty D, Hoff CC, and **Neilands TB**. Partner-provided social support influences choice of risk reduction strategies in gay male couples. Accepted: CDC 2007 National HIV Prevention Conference. December 2-7, 2007, Atlanta, GA.
49. Huebner DM, Woods WJ, Dilworth SE, **Neilands TB**, and Binson D. Rapid vs. standard voluntary counseling and testing (VCT) in a bathhouse: what's gained, lost? Submitted: CDC 2007 National HIV Prevention Conference. December 2-7, 2007, Atlanta, GA.
50. Ling PM, **Neilands TB**, and Glantz SA. Tobacco industry inoculation and young adult smoking: a national study. Submitted: National Conference on Tobacco or Health. October 24-26, 2007, Minneapolis, MN. American Public Health Association 135th Annual Meeting and Exposition, November 3-7, 2007, Washington, DC.

51. Riley ED, Cohen J, Scotta A, **Neilands TB**, and Knight KR. Housing instability, gender, and HIV among indigent adults. Presented at the 3rd National Housing and HIV/AIDS Research Summit, March 5-7, 2008, Baltimore, MD.
52. Comfort ML, Grinstead OA, **Neilands TB**, and McCartney K. HIV prevention for women visiting incarcerated men: the HOME project. Presented at the 16th Annual Meeting of the Society for Prevention Research, San Francisco, CA, May 28-30, 2008, San Francisco, CA.
53. Darbes LA, Chakravarty D, Hoff CC, and **Neilands TB**. HIV-specific social support (HIV-SS) predicts discrepancy in reporting sexual behavior with primary partners in a sample of gay male couples. Presented at the XVII International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.
54. Townsend TG, Thomas AJ, Jackson TR, and Neilands TB. From jezebel to video vixen: the impact of stereotypical images on the self perception and sexual attitudes of African American adolescent girls. Paper Presentation at the Annual Meeting of the Association of Black Psychologists, San Francisco, CA, August 2008.
55. Hunt PW, Cao H, Bangsberg DR, Andia I, Pepper L, Bwana B, Emenyonu N, Neilands TB, Martin JN, and Deeks S. Efficacy of treatment-mediated viral suppression of CD4+ T cell recovery and T cell activation in HIV-infected Ugandans. Presented at the XVII International AIDS Conference, Mexico City, Mexico, August 3-8, 2008.
56. Akre E, Carrico AV, Johnson MO, and **Neilands TB**. Analyzing psycho-social factors and their effects on non-adherence to antiretroviral medications. Presented at the Annual Biomedical Research Conference for Minority Students, Orlando, FL, November 5-9, 2008.
57. Riley ED, Moore KA, Haber S, **Neilands TB**, Cohen J, and Kral A. Effects of health insurance on the use of health services and antiretroviral therapy among homeless and marginally housed HIV-positive adults. Presented at the 136th American Public Health Association Annual Meeting & Exposition, San Diego, CA, October 25-29, 2008.
58. Riley ED, Knight KR, Cohen JR, and **Neilands TB**. Disparities in the experience of homelessness among HIV+ indigent adults. Presented at the UCSF Health Disparities Research Symposium II, October 24th, 2008, San Francisco, CA.
59. Wallace SA, **Neilands TB**, and Sanders-Phillips K. Neighborhood risks and HIV risk among African American youth. Presented at the 2009 Society for Adolescent Medicine Annual Meeting, Los Angeles, CA, March 25-29, 2009.
60. Ling PM, **Neilands TB**, and Glantz SA. Tailored bar intervention to decrease smoking among young adult hipsters. Flight Attendants Research Medical Institute Annual Symposium, Miami Beach, FL: May 11-13, 2009.
61. Geng EH, Bangsberg DR, Musinguzi N, Emenyonu N, Bwana M, Glidden DV, Yiannoutsos CT, Deeks SG, and Martin JN. Losses to follow-up. Presented at the 5th Annual Workshop on HIV and HCV Co-Infection, Lisbon, Portugal, June 4-6, 2009.

62. Chakravarty D, Hoff CC, **Neilands TB**, Beougher S, and Darbes LA. Differences in risk among gay couples with monogamous, non-monogamous and discrepant sexual agreements. Presentation for the 2009 National Prevention Conference, Atlanta, GA, August 23-26, 2009.
63. Darbes LA, Chakravarty D, **Neilands TB**, Beougher S, and Hoff CC. Implications of differential definitions of HIV risk behavior outcomes for gay men. Presentation for the 2009 National Prevention Conference, Atlanta, GA, August 23-26, 2009.
64. Hoff CC, Chakravarty D, Darbes LA, Beougher SA, and **Neilands TB**. HIV risk in gay male couples: factors affecting UAI with primary partner. Presentation for the 2009 National Prevention Conference, Atlanta, GA, August 23-26, 2009.
65. **Neilands TB** and Binson D. The collaborative HIV prevention research in minority communities training program. Invited Presentation at the National Institutes of Mental Health Meeting: Training the Next Generation of Mental health HIV/AIDS Researchers, Bethesda, MD, October 21, 2009.
66. Riley ED, Moore K, Haber S, **Neilands TB**, Cohen J, and Kral A. The longitudinal influence of health insurance coverage on antiretroviral therapy use among homeless and marginally housed adults: consistent coverage confers a three-fold difference. Presented at the 17th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 16-19, 2010.
67. Hunt PW, Martin JN, Ssewanyana I, Bennett J, Emenyonu N, Kembabzi A, **Neilands TB**, Bangsberg DR, and Deeks SG. Impact of CD8+ T cell activation on CD4+ T cell recovery and mortality in HIV-infected Ugandans initiating antiretroviral therapy. Presented at the 17th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 16-19, 2010.
68. Geng EH, Glidden DV, Bangsberg DR, Bwana MB, Emenyonu N, Musinguzi N, Kigozi I, Muyindike W, Christopoulos K, Yiannoutsos CT, **Neilands TB**, Deeks SG, and Martin JN. Improving our understanding of retention among HIV-infected patients on antiretroviral therapy in Africa: what a sampling based approach can tell us in the setting of rapid scale-up and decentralization. Presented at the 14th International Workshop on Observational HIV Databases, Barcelona, Spain, March 25th-27th, 2010.
69. Saberi P, **Neilands TB**, and Johnson MO. Quality of sleep as a potential predictor of antiretroviral adherence. Accepted for presentation at the 5th International Conference on HIV Treatment Adherence, Miami, Florida, May 23 - May 25, 2010.
70. Saberi P, Johnson MO, and **Neilands TB**. Analyzing medication adherence: a powerful alternative to logistic regression. Accepted for presentation at the 5th International Conference on HIV Treatment Adherence, Miami, Florida, May 23 - May 25, 2010.
71. Taylor KD, **Neilands TB**, Dilworth SE, and Johnson MO. General versus specific social support: which better explains adherence? Submitted to the XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
72. Hoff CC, Chakravarty D, Darbes LA, Beougher S, and **Neilands TB**. Should interventions target the couple or the individual? Predictors of Sexual Risk Behavior Over Time Among Gay Male Couples. Accepted for presentation at the XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.

73. **Neilands TB**, Chakravarty D, Darbes LA, Beougher S, Huebner D and Hoff CC. Preventing HIV infections by understanding the role of sexual agreements: validation of the sexual agreement efficacy and communication scale. Accepted for presentation at the XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
74. Chakravarty D, **Neilands TB**, Darbes LA, Leer C, and Hoff CC. HIV-testing among gay male couples in the presence of exposure to HIV. Accepted for presentation at the XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
75. Riley E, Moore K, Sorensen J, Tulsy J, Bangsberg D, and **Neilands TB**. The health impact of basic subsistence and addiction on HIV-infected women living in the United States. Accepted for presentation at the XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
76. Geng EH, Glidden DV, Bangsberg DR, Bwana MB, Emenyonu N, Musinguzi N, Kigozi I, Muyindike W, Christopoulos K, Yiannoutsos CT, **Neilands TB**, Deeks SG, and Martin JN. Retention in care among HIV-infected patients receiving antiretroviral therapy in Africa: what a sampling based approach can tell us. Accepted for presentation at the XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
77. Ling PM, Jordan J, **Neilands TB**, and Glantz SA. Young adults in bars: smoking prevalence and risk factors. Submitted to the 138th American Public Health Association Annual Meeting & Exposition, Denver, CO, November 6-10, 2010.
78. Ling PM, Jordan J, **Neilands TB**, and Glantz SA. Social marketing to decrease smoking among young adult hipsters in San Diego. Submitted to the 138th American Public Health Association Annual Meeting & Exposition, Denver, CO, November 6-10, 2010.

FIVE SIGNIFICANT RECENT PUBLICATIONS

Neilands TB, Chakravarty D, Darbes LA, Beougher SC, and Hoff CC. Development and validation of the sexual agreement investment scale. *Journal of Sex Research*, 47(1), 24-37, 2010. NIHMSID: NIHMS110481

I conceived the idea for this paper, performed the data analyses, and took the lead role in writing the manuscript. Drs. Hoff and Darbes co-authored the introduction section and contributed to the discussion. Ms. Chakravarty contributed to the methods section and handled data management. Dr. Hoff provided funding for the work.

Arreola SG, **Neilands TB**, and Diaz R. Childhood sexual abuse and the sociocultural context of sexual risk among adult Latino gay and bisexual men. *American Journal of Public Health*, 99(6), 1-7, 2009.* NIHMSID: NIHMS138487

I performed the data analyses and took the lead role in writing the results for this manuscript. Dr. Arreola drafted the introduction and discussion sections. Dr. Arreola and I co-authored the methods section. Dr. Diaz provided the data, funding, and comments on the manuscript. Dr. Arreola and I agreed to share joint first authorship on this work.

Varas-Diaz N and **Neilands TB**. Development and validation of a culturally appropriate HIV/AIDS stigma scale for Puerto Rican health professionals in training. *AIDS Care*, 21(10), 1259-1270, 2009. NIHMSID: NIHMS138490

I performed the advanced psychometric data analyses and took the lead role in writing the results for this manuscript. Dr. Varas-Diaz drafted the introduction and discussion sections. Dr. Diaz provided the data and funding for this work.

Neilands TB, Steward WT, and Choi K. Assessment of stigma towards homosexuality in China: a study of men who have sex with men. *Archives of Sexual Behavior*, 37(5), 838-844, 2008. [Not applicable to NIH Public Access Policy]

I conceived the idea for this paper, performed the data analyses, and took the lead role in writing the manuscript. Dr. Choi provided the data, funding, and comments on the manuscript. Dr. Steward wrote the introduction section of the paper and contributed expertise to the discussion regarding stigma.

Buhi E, Goodson P, and **Neilands TB**. Out of sight, not out of mind: Strategies for handling missing data. *American Journal of Health Behavior*, 32(1), 83-92, 2008. [Not applicable to NIH Public Access Policy]

As senior author, I provided extensive mentorship and feedback to the lead author (a junior faculty member) during the preparation of this guide for researchers.

RESEARCH PROGRAM AND INTERESTS

Overview. My research activities fall into four domains: (1) quantitative data analysis methods and survey scale development; (2) directorship of the Center for AIDS Prevention Studies (CAPS) Methods Core; (3) fostering and conducting behavioral HIV/AIDS-prevention research in racial and ethnic minority populations and communities by increasing research capacity among junior faculty of color conducting social and behavioral HIV/AIDS-prevention research; and (4) advanced quantitative methodological, statistical, and data analytic support for biomedical and behavioral HIV- inprevention research studies.

Quantitative data analysis methods and survey scale development. Proper measurement of psychosocial constructs is critical in diverse disciplines, including psychology and epidemiology. Consequently, a number of my research projects focus on scale development issues. A recent publication (Neilands, Steward, & Choi, 2008) examined the psychometric properties of a survey instrument designed to measure homosexuality stigma and its linkage to HIV risk in men from Shanghai, China. Another publication on which I mentored a junior faculty investigator considers the issue of missing or incomplete data in quantitative data analysis (a ubiquitous problem in quantitative social medical research) and suggests available remedies to enable investigators to maximize resources to obtain optimal, rigorous answers to research questions while minimizing study costs.

Director, Methods Core, Center for AIDS Prevention Studies (NIMH P30 Center Grant). The complex and dynamic nature of the HIV epidemic demands that CAPS research feature an array of sophisticated study designs, and specialized quantitative and qualitative measurements. The objective of the CAPS Methods Core is to provide project-specific consultation, peer review, and center-wide education in qualitative and quantitative research methods as well emerging methods of data acquisition and storage. As Director of the CAPS Methods Core, I am responsible for overseeing the Core's activities and taking a leadership role in crafting the Core's plans these areas, consulting with CAPS scientists on biostatistical topics, and co-authoring methodological and applied publications.

Director, Collaborative HIV Prevention in Minority Communities (NIMH and NICHD R25 Grants). The HIV epidemic is one of several syndemic health disparities disproportionately impacting minority communities in the U.S. The specific aims of these training programs are to host an intensive six-week summer training institute at UCSF for racial and ethnic minority junior faculty from U.S. universities. The training institute provides workshops in research methods and grant-writing capacity building to program participants, as well as \$25,000 in pilot study funds to collect data that will serve as preliminary studies data for larger grant proposals submitted to CDC, NIH, and non-federal funding groups. Since the program's inception in 1997, forty participating scientists have acquired over \$50 million and have utilized this funding to produce over 425 articles and public reports that focus on understanding and reducing the impact of HIV and AIDS in racial and ethnic minority communities.

Advanced quantitative methodological, statistical, and data analytic support for biomedical and behavioral HIV prevention research efforts. I serve as a co-investigator on a number of biomedical and behavioral research projects concerning HIV prevention. I have acquired extensive expertise so that I can provide advanced and unique methodological, statistical, and data analytic support for these projects, including helping investigators formulate research questions, translating research questions into testable statistical hypotheses, assuring data quality, analyzing data using cutting-edge statistical models and methods, and co-authoring publications that present original empirical results. Funded projects include:

1. HIV Risk Among Male Parolees and Their Female Partners. NIMH R01
2. PATH: Preparing Patients to Receive Anti-Retroviral Therapy. NIMH R01
3. Relationship Factors and HIV Treatment Adherence. NINR R01
4. RCT of an HIV Treatment Side Effects Coping Intervention. NIMH RO1
5. Reversing Tobacco Market Research on Young Adults. FAMRI
6. HPV Epidemiology and Response to Screening (HEARTS). NIAID R21
7. Moore/Martin CDC U01 NA Accord Center Grant. NIAID U01
8. AIDS Stigma among Health Care Professionals in Puerto Rico. NIMH R01
9. Strategies to Prevent Malaria and Improve HIV Outcomes in Africa. NIH P01
10. Couples in Context: An RCT of a Couples-based HIV Prevention Intervention. NIMH R01